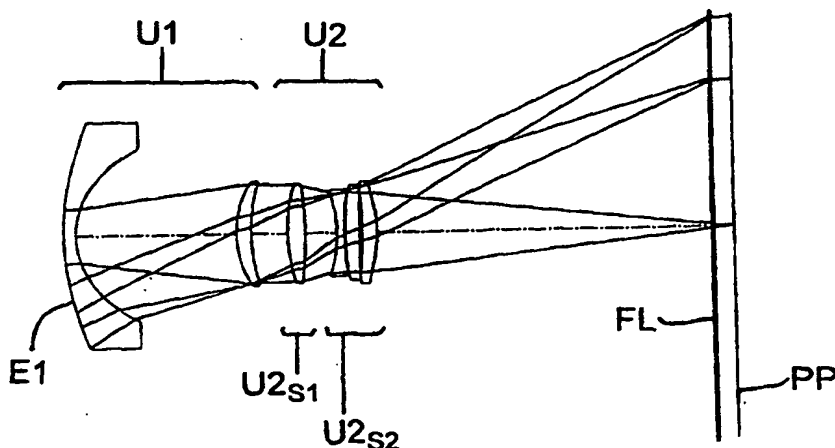




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(54) Title: WIDE FIELD OF VIEW PROJECTION LENSES FOR COMPACT PROJECTION LENS SYSTEMS EMPLOYING PIXELIZED PANELS



## (57) Abstract

A projection lens for use with LCD panels is provided. The lens has a first lens unit (U1) which includes a strong negative lens element (E1) having an aspherical surface which provides distortion correction and a second lens unit (U2) which includes a strong positive power first lens subunit (U2s1) separated by an airspace from a weaker power second lens subunit (U2s2). The second lens subunit can include a negative lens element, followed by a positive lens element, followed by a plastic lens element having an aspherical surface. The projection lens has a field of view of at least 35° so that the overall projection lens system has a compact size.